

Converting Colors

CIELCh(72, 3.516, 211.139)

Have a look what the booklet for
CIELCh(72, 3.516, 211.139) contains.

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Color

CIELCh(72, 3.463, 217.641)

Conversions

Conversions Part 1

Format	Color
Hex	A9B2B4
RGB	169, 178, 180
RGB Percent	66%, 70%, 71%
CMY	0.3366, 0.3013, 0.2935
CMYK	0.06, 0.01, 0.00, 0.29
HSL	191°, 7%, 68%
HSV	191°, 6%, 71%
XYZ	40.6031, 43.6590, 49.5530
YIQ	175.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

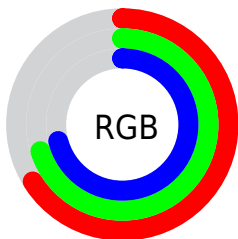
Format	Color
RYB	169, 174, 180
Decimal	11121332
CIELab	72.00, -2.74, -2.11
CIELCh	72, 3.463, 217.641
Yxy	43.6590, 0.3034, 0.3263
Android (android.graphics.Color)	4289311412 (0xFFA9B2B4)
YUV	175.5370, 2.2003, -5.7329
Hunter-Lab	66.0750, -5.9429, 1.7879

Details

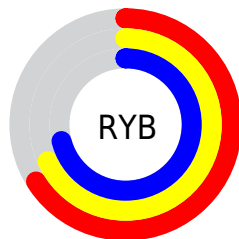
The CIELCh color **72, 3.463, 217.641** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 3.594, 37.151**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 3.633, 215.907**, and **52, 3.309, 219.799** is the 20% darker color. If you saturate the color by 10%, you get **70, 8.897, 217.799**, and if you desaturate by 10%, it is **74, 2.253, 37.084**.

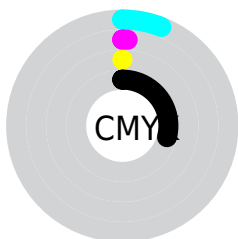
Distribution



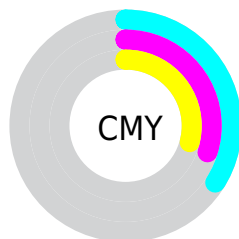
- Red (66%)
- Green (70%)
- Blue (71%)



- Red (66%)
- Yellow (68%)
- Blue (71%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.463, 217.641 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 3.463, 217.641 by changing the saturation by 10% instead.

■ 72, 3.463, 217.641

■ 72, 3.463, 217.641

■ 100, 3.463,
217.641

■ 62, 3.463, 217.641

■ 92, 3.463, 217.641

■ 52, 3.463, 217.641

■ 42, 3.463, 217.641

■ 32, 3.463, 217.641

■ 22, 3.463, 217.641

■ 12, 3.463, 217.641

■ 2, 3.463, 217.641

■ 0, 3.463, 217.641

■ 72, 3.463, 217.641

■ 72, 3.463, 217.641

70, 8.897, 217.799

74, 2.253, 37.084

68, 13.971,
218.212

77, 8.184, 37.186

66, 18.602,
218.835

79, 14.275, 37.223

64, 22.701,
219.711

82, 20.476, 37.299

62, 26.187,
220.898

84, 24.509, 42.865

61, 28.998,
222.467

85, 24.072, 47.525

59, 31.104,
224.493

87, 23.709, 57.193

58, 32.523,
227.050

57, 33.350,
230.179

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 3.463, 217.641



71, 3.594, 37.151

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 3.463, 217.641



72, 3.463, 267.641



72, 3.463, 37.641



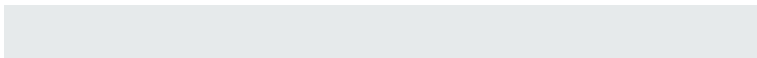
72, 3.463, 87.641

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 3.463, 217.611



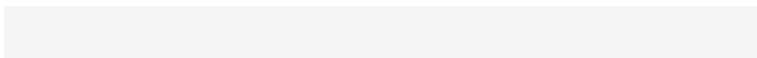
92, 1.420, 217.823



72, 6.502, 149.059



49, 0.807, 217.845



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 3.463, 217.611



91, 4.908, 217.613



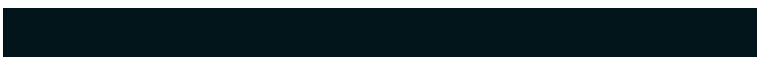
71, 4.211, 271.945



37, 2.542, 217.615



48, 29.785, 230.960



5, 7.551, 226.309

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 6.454, 330.216



89, 9.175, 330.284



72, 4.202, 90.329



36, 4.756, 330.306



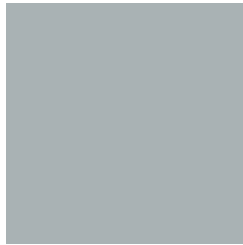
35, 68.661, 336.901



2, 13.557, 332.655

Previews

White Background



This preview shows how the CIE LCh color 72, 3.463, 217.641 looks on a white background.

Color Contrast Check

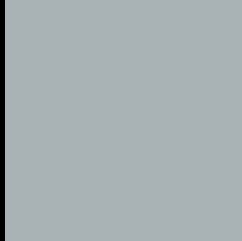
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 3.463, 217.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

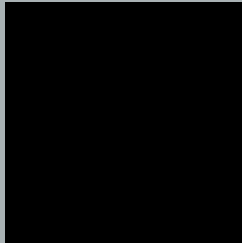
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

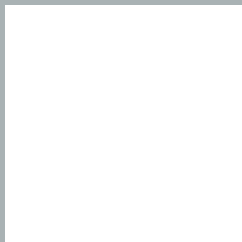
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.463, 217.641

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.463, 217.641.

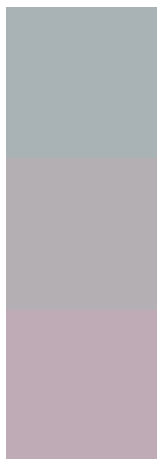


This preview shows how white text looks on a background with the CIELCh color 72, 3.463, 217.641.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72, 3.463, 217.641

Protanopia

72, 2.661, 324.474

Deuteranopia

72, 9.626, 341.844



Tritanopia
72, 7.877, 275.067

Trichromacy



Original Color
72, 3.463, 217.641

Protanomaly
72, 1.677, 277.592

Deuteranomaly
72, 5.110, 331.565

Tritanomaly
72, 5.961, 265.580

Monochromacy



Original Color
72, 3.463, 217.641

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.235, 225.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.463, 217.641 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 178, 180)` looks like.

```
.text, #text, p{  
    color:rgb(169, 178, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 178, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 178, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.463, 217.641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 178, 180) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 178, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 178, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 178, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 178, 180);  
box-shadow:4px 4px 4px 4px rgb(169, 178,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.463, 217.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 178, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
178, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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